





### University of Groningen

Erratum to: Visualization of the intracavitary blood flow in systemic ventricles of Fontan patients by contrast echocardiography using particle image velocimetry

Lampropoulos, Konstantinos; Budts, Werner; Van de Bruaene, Alexander; Troost, Els; van Melle, Joost P.

Published in: Cardiovascular ultrasound

DOI:

10.1186/1476-7120-10-18

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version Publisher's PDF, also known as Version of record

Publication date: 2012

Link to publication in University of Groningen/UMCG research database

Citation for published version (APA): Lampropoulos, K., Budts, W., Van de Bruaene, A., Troost, E., & van Melle, J. P. (2012). Erratum to: Visualization of the intracavitary blood flow in systemic ventricles of Fontan patients by contrast echocardiography using particle image velocimetry. Cardiovascular ultrasound, 10, [18]. https://doi.org/10.1186/1476-7120-10-18

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

**Take-down policy**If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): http://www.rug.nl/research/portal. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Download date: 12-11-2019



CORRECTION Open Access

# Correction: Visualization of the intracavitary blood flow in systemic ventricles of Fontan patients by contrast echocardiography using particle image velocimetry

Konstantinos Lampropoulos<sup>1,2,4\*</sup>, Werner Budts<sup>1,4</sup>, Alexander Van de Bruaene<sup>1,4</sup>, Els Troost<sup>1,4</sup> and Joost P van Melle<sup>1,3,4</sup>

Following publication of our article [1] the authors noted that the legends for Figure 1 and Figure 2 were incorrect.

The correct legend for Figure 1 is:

Sequence analysis of systemic ventricular flow during systole and diastole in Fontan patients. The vortex from the Fontan group was consistently shorter, wider and rounder. The vortices were located at the centre of the left ventricle throughout diastole and systole and did not redirect flow in a coherent, sequential fashion as in controls. The location, shape and sphericity of the main vortices differ clearly from controls in all cardiac cycle [early diastole(A), late diastole(B), ejection (C)].

The correct legend for Figure 2 is:

Sequence analysis of systemic ventricular flow during systole and diastole in controls. The vortex from the control group was compact, elliptically shaped, and located apically. The location, shape and sphericity of the main vortices differ clearly from the Fontan group in all cardiac cycle [early diastole(A), late diastole(B), ejection (C)].

It was also noted the legends for the Additional file 1 and Addition file 2 were also incorrect:

The correct legend for Additional file 1 is:

The flow patterns of a 38 year old female without cardiac abnormalities

The correct legend for Additional file 2 is:

The flow pattern of a 29 year old male with Fontan circulation.

The authors would like to apologize for any inconvenience caused by this error.

#### Author details

<sup>1</sup>Department of Cardiology, University Hospitals Leuven, Leuven, Belgium. <sup>2</sup>Department of Cardiology, Polyclinic General Hospital of Athens, Athens, Greece. <sup>3</sup>Department of Cardiology, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands. <sup>4</sup>Congenital and Structural Cardiology, University Hospitals Leuven, Herestraat 49, 3000, Leuven, Belgium.

Received: 16 April 2012 Accepted: 26 April 2012 Published: 26 April 2012

#### References

 Lampropoulos K, Budts W, Van de Bruaene A, Troost E, van Melle JP: Visualization of the intracavitary blood flow in systemic ventricles of Fontan patients by contrast echocardiography using particle image velocimetry. Cardiovasc Ultrasound 2012, 10:5.

#### doi:10.1186/1476-7120-10-18

Cite this article as: Lampropoulos *et al.*: Correction: Visualization of the intracavitary blood flow in systemic ventricles of Fontan patients by contrast echocardiography using particle image velocimetry. *Cardiovascular Ultrasound* 2012 **10**:18.

## Submit your next manuscript to BioMed Central and take full advantage of:

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at www.biomedcentral.com/submit



Full list of author information is available at the end of the article



<sup>\*</sup> Correspondence: konlampropoulos@yahoo.gr

<sup>&</sup>lt;sup>1</sup>Department of Cardiology, University Hospitals Leuven, Leuven, Belgium <sup>2</sup>Department of Cardiology, Polyclinic General Hospital of Athens, Athens, Greece